

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Masatomo MAIDA et al.

Application No.: To be Assigned

Group Art Unit: To be Assigned

Filed: October 24, 2003

Examiner: To be Assigned

For: CHARACTERISTIC AMOUNT CALCULATING DEVICE FOR SOLDERING
INSPECTION

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:
 - 1a. ☒ Form PTO-1449.
 - 1b. ☒ Copies of IDS citations.
 - 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
 - 1d. ☒ English language Abstract (complete or relevant portion(s)) attached to each non-English language publication.
 - 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.
2. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is


(Check appropriate Items 2a, 2b, 2c and/or 2d)
 - 2a. ☐ satisfied because all non-English language publications were cited on the enclosed "English-language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, pp. 600-100 to 600-101, Rev. 1, Feb. 2000.)
 - 2b. ☐ set forth in the application.

- 2c. ☒ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
- 2d. ☒ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

Dated: Oct. 24, 2003
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1837.1006	APPLICATION NO. To be Assigned
LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR Masatomo MAIDA et al.	
		FILING DATE October 24, 2003	GROUP ART UNIT To be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	AA	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO	
	AG	04-169803	06/17/92	JAPAN			Abst.	
	AH	05-035850	02/12/93	JAPAN			Abst.	
	AI	07-071932	03/17/95	JAPAN			Abst.	
	AJ	10-141929	05/29/98	JAPAN			Abst.	
	AK							
	AL							

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AM	
	AN	
	AO	

EXAMINER	DATE CONSIDERED
<small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	

ATTACHMENT 1(e)

EXPLANATIONS OF RELEVANCY OF REFERENCES	ATTORNEY DOCKET NO. 1837.1006	APPLICATION NO. To be Assigned
	FIRST NAMED INVENTOR Masatomo MAIDA et al.	
	FILING DATE October 24, 2003	GROUP ART UNIT To be Assigned

Publication No.	Date of Publication	Concise Explanation of the Relevance
JP 04-169803	June 17, 1992	Abstract
JP 05-035850	February 12, 1993	"
JP 07-071932	March 17, 1995	"
JP 10-141929	May 29, 1998	"